

## Publication List

### Annette Huber (Freiburg)

1. A. Huber, M. Kalck, *Dimension formulas for period spaces via motives and species*, Preprint 2024.
2. A. Huber, *Report on the structure of period spaces*, Preprint 2022.
3. **A. Huber**, *The period isomorphism in tame geometry*, *Math. Nachr.* **297**, No. 4, 1230–1247 (2024).
4. A. Huber, *Semi-algebraic motives*, Preprint 2020, arXiv:2007.10166
5. **J. Commelin, P. Habegger, A. Huber**, *Exponential periods and o-minimality*, Preprint 2022, (merged from part I and II from 2020).
6. A. Huber, *Galois theory of periods*, *Münster J. Math.* 13 (2020), no. 2, 573–596.
7. **A. Huber, G. Wüstholz**, *Transcendence and linear relations of 1-periods*, *Cambridge Tracts in Mathematics* **227**, Cambridge University Press 2022
8. L. Barbieri-Viale, A. Huber, M. Prest, *Tensor structure for Nori motives*, *Pacific Journal of Mathematics* 306 (1), pp. 1–30, 2020.
9. A. Huber, S. Kelly, *Differential forms in positive characteristic II: cdh-descent via functorial Riemann-Zariski spaces*, *Algebra and Number Theory* 12 (2018), 649–692.
10. **A. Huber, S. Müller-Stach**, with contributions of Benjamin Friedrich and Jonas von Wangenheim, *Periods and Nori motives*, *Ergebnisse der Mathematik und ihrer Grenzgebiete* **65**, Springer Verlag 2017.
11. A. Huber, *Differential forms in algebraic geometry – a new perspective in the singular case*, *Port. Math.* 73 (2016), no. 4, 337–367.
12. A. Huber, G. Kings, *Polylogarithm for families of commutative group schemes*, *Journal of Algebraic Geometry* 27 (2018), 449–495.
13. A. Huber, S. Kebekus, S. Kelly, *Differential forms in positive characteristic avoiding resolution of singularities*, *Bulletin de Societe de Mathematique de France* 145 (2017), 305–343.
14. G. Ancona, A. Huber, S. Pepin-Lehalleur, *On the relative motive of a commutative group scheme*, *Algebr. Geom.* 3 (2016), no. 2, 150–178.
15. G. Ancona, A. Huber, S. Enright-Ward, *On the motive of a commutative algebraic group*, *Documenta Math.* 20 (2015) 807–858.
16. A. Huber, C. Jörder, *Differential forms in the h-topology*, *Algebraic Geometry*, Volume 1, Issue 4 (October 2014), 449–478.

17. A. Huber, *The Comparison Theorem for the Soule-Deligne Classes*, in: The Bloch-Kato conjecture for the Riemann zeta function, Eds. J. Coates, A. Rahguram, A. Saikia, R. Sujatha, Proceedings of a Workshop held at Pune, India 2012. London Math. Soc. Lecture Note Ser., 418, Cambridge Univ. Press, Cambridge, 2015, 210–238.
18. A. Huber, G. Kings. *A  $p$ -adic analogue of the Borel regulator and the Bloch-Kato exponential map*, J. Inst. Math. Jussieu (2011) 10(1), 149–190.
19. A. Huber, G. Kings, N. Naumann, *Some complements to the Lazard isomorphism*, Compositio Math. vol 147 (2011), pp. 235–262.
20. A. Huber, G. Kings, *A cohomological Tamagawa number formula*, Nagoya Math. J. 202 (2011), 45–75.
21. A. Huber, *Poincaré duality for  $p$ -adic Lie groups*, Archiv der Mathematik 95 (2010), 509–517.
22. A. Huber, *Slice filtration on motives and the Hodge conjecture*, with an appendix by J. Ayoub. Math. Nachrichten 281 (2008), 1764–1776.
23. A. Huber, B. Kahn. *The slice filtration and mixed Tate motives*. Compositio Mathematica 142(4):907–936. 2006.
24. A. Huber. *Corrigendum to: “Realization of Voevodsky’s motives”*. Journal of Algebraic Geometry 13(1): 195–207, 2004.
25. **A. Huber, G. Kings. *Bloch-Kato conjecture and Main Conjecture of Iwasawa theory for Dirichlet characters*. Duke Mathematical Journal 199(3): 393–464, 2003.**
26. **A. Huber, G. Kings. *Equivariant Bloch-Kato conjecture and non-abelian Iwasawa Main Conjecture*. Proceedings of the ICM, Beijing 2002, vol. II, pp. 149–162. Higher Education Press, Beijing, 2002.**
27. A. Huber. *Realization of Voevodsky’s motives*. Journal of Algebraic Geometry 9(4): 755–799, 2000.
28. A. Huber, G. Kings. *Dirichlet motives via modular curves*. Annales Scientifiques de l’École Normale Supérieure (4) 32(3): 313–345, 1999.
29. **A. Huber, G. Kings. *Degeneration of  $l$ -adic Eisenstein classes and of the elliptic polylog*. Inventiones Mathematicae 135(3): 545–594, 1999.**
30. A. Huber, J. Wildeshaus. *Correction to the paper: “Classical motivic polylogarithm according to Beilinson and Deligne”*. Documenta Mathematica 3: 297–299, 1998.
31. A. Huber, J. Wildeshaus. *Classical motivic polylogarithm according to Beilinson and Deligne*. Documenta Mathematica 3: 27–133, 1998.
32. A. Huber. *Extensions of motives*. European Congress of Mathematics, Vol. I (Budapest, 1996), 218–236, Progr. Math., 168, Birkhäuser, 1998.

33. A. Huber, *Mixed perverse sheaves for schemes over number fields*. *Compositio Mathematica* 108(1): 107–121, 1997.
34. A. Huber, *Mixed motives and their realization in derived categories*, *Lecture Notes in Mathematics* 1604. Springer-Verlag, Berlin, 1995.
35. A. Huber. *Calculation of derived functors via Ind-categories*, *Journal of Pure and Applied Algebra* 90(1): 39–48, 1993.
36. A. Huber. *On the Parshin-Beilinson adèles for schemes*, *Abhandlungen aus dem Mathematischen Seminar der Universität Hamburg* 61: 249..273, 1991.

### Other publications

1. A. Huber (joint with G. Wüstholz), *Relations between 1-periods—Hilbert’s 7th problem revisited*, *Oberwolfach Report* 30/2018, pp. 1828–1830.
2. A. Huber, *Was wir alles für Gleichungen vom Grad drei (nicht) wissen – elliptische Kurven und die Vermutung von Birch und Swinnerton-Dyer*, in: *Facettenreiche Mathematik – Einblicke in die moderne mathematische Forschung*, A. Werner, K. Wendland Eds., *Viehweg-Teubner Verlag*, 2011.
3. A. Huber, W. Soergel, *Comparing natural volume forms on  $GL_n$* , *Notiz Freiburg* 2010, also available as [arXiv:1210.2358](https://arxiv.org/abs/1210.2358)
4. A. Huber (joint with G. Kings), *A  $p$ -adic Borel regulator*, *Oberwolfach Report* 35/2008, 1999–2001.
5. Annette Huber (joint with Guido Kings) *A  $p$ -adic Borel regulator*, *Oberwolfach Report* 30/2007, 1762–1764.
6. Annette Huber-Klawitter,  $\Omega^*(k)$  and the Lazard ring, *Oberwolfach Report* 16/2005, 902–903.
7. Annette, *The slice filtration from the point of view of Hodge theory*, *Oberwolfach Report* 15/2005, 796–798.
8. A. Huber, *Arithmetische Geometrie – jüngstes Kind der griechischen Mathematik*, *Forschungsjournal der der Westfälischen Wilhelms-Universität Münster*, 1 (1998), 46–48 *Introduction for the general public*
9. A. Huber, J. Wildeshaus. *The Classical Polylogarithm. Abract of a series of lectures given at the workhsop on polylogs in Essen, May 1-4, 1997* ,Preprint 1997. also available as [arXiv:1210.2358](https://arxiv.org/abs/1210.2358)
10. A. Huber. *Adèle für Schemata und Zariski-Kohomologie*. *Schriftenreihe des Mathematischen Instituts der Universität Münster*, 3. Serie, Heft 3, 86 pp., Münster, 1991.